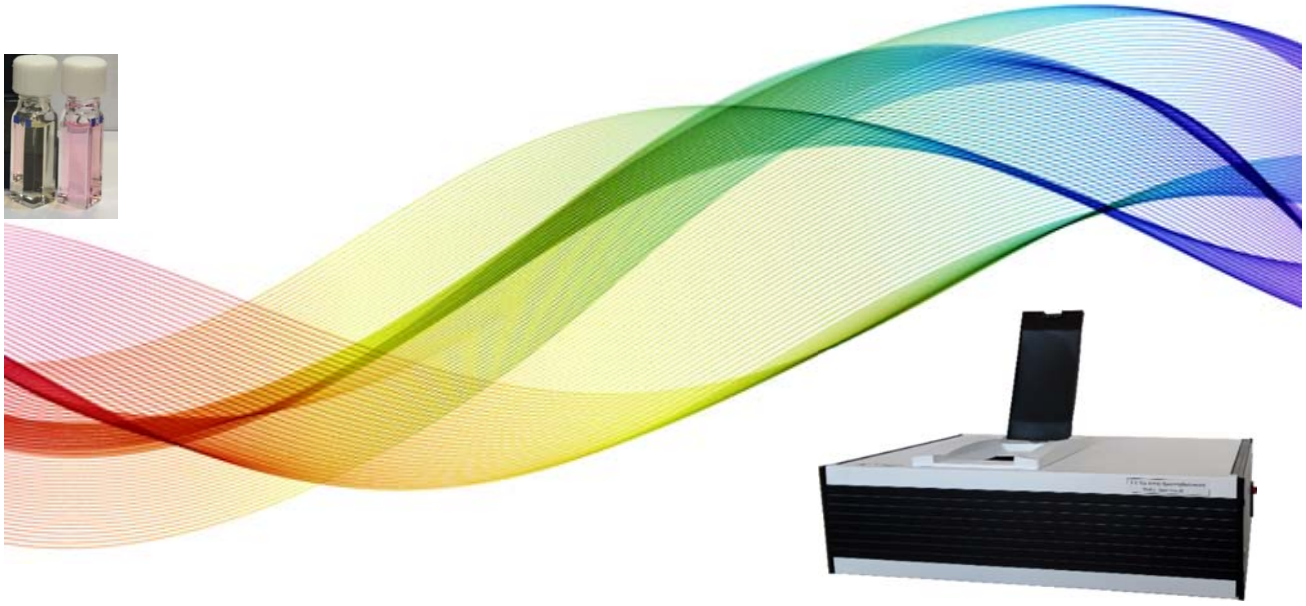
شرکت طیف سنج

تجهیزات آزمایشگاهی
ساخت تجهیزات طیف سنجی

Laboratory Equipments
Analytical Spectroscopy Systems

Samarium Standard

Standard reference materials for
UV and Visible spectrophotometry



The standards material are necessary to provide tests of spectrophotometer or spectrometer's features with internal or external quality standards such as Ph.Eur , USP, TGA and ASTM for ensuring correct and accurate results. Providing device's parameters cause checking accuracy and correctness of spectrometer. Standards material such as:

- Samarium Standard (For Wavelength)
- Holmium Standard (For Wavelength)
- Potassium Dichromate (For Linearity)
- Potassium Iodide (For Stray Light)
- Sodium Chloride (For Stray Light)

استاندارد ساماریوم

Model: ST-Arn-Sm

ISO 9001:2008

Samarium Standard

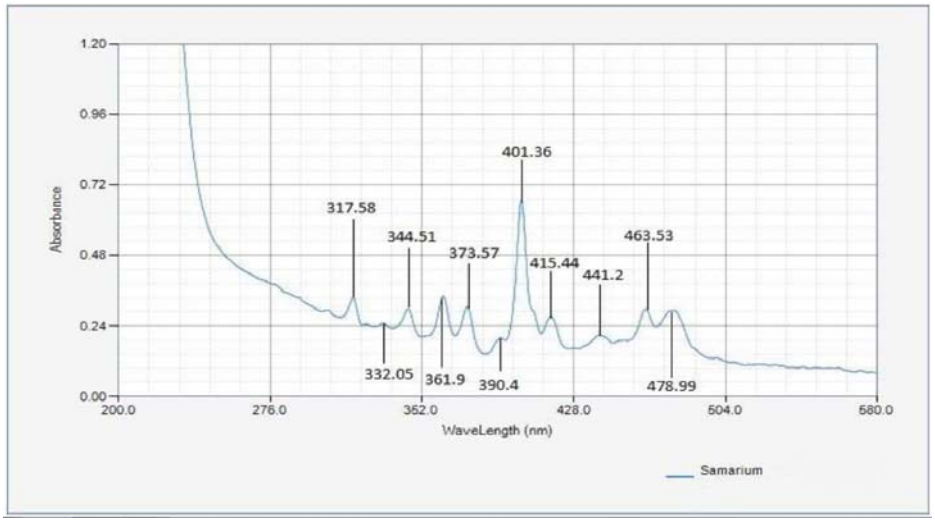
ST-Arn-Sm

Specifications:

Standard Materials: **SAMARIUM STANDARD SOLUTION**
Primary Usage: Assessment of wavelength accuracy in both UV and Visible, resolving complex peaks.
Useable Range: 230 nm to 560 nm
Special sharp wavelength: 401.36 nm
Physical Configuration: UV quartz cell that has been permanently sealed by heat fusion.

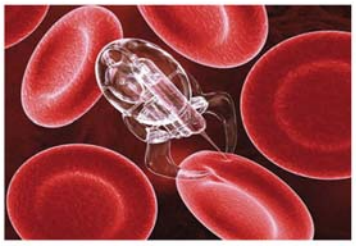
Product Description: Samarium Standard Solution is a particularly good reference for establishing wavelength calibration because it has useful peaks from 230 nm to 560 nm, many of which have a spectral bandwidth of less than 5 nm permitting precise location of the peaks. This is a great advantage over using glass filters which may have spectral bandwidths over 30 nm. In addition to offering wavelength calibration, the Samarium Standard Solution can be used for checking instrument spectral bandwidth. By using peaks in the 230- 240 or the 410- 420 region, the ability to resolve complex peaks can be tested .

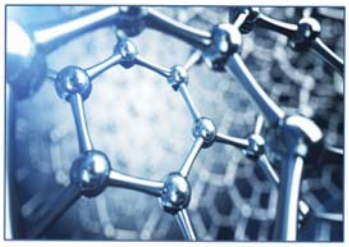
UV Region (nm)	Visible Region (nm)
317.58	401.36***
332.05	415.44
344.51	441.20
361.9	463.53
373.57	478.99
390.4	



Warning and Precautions: • Store in dark at room temperature • This product containing acidic material.

Applications:



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